

CLAIMS

1. An optical device, provided with a tremble preventing function, comprises:

5 a tremble detector that detects an amount of an optical device tremble;

a correcting optical system, included in an imaging optical system of said optical device, that corrects a tremble of a focused image due to said optical device tremble;

10 a driving system that drives said correcting optical system in two directions on a plane perpendicular to an optical axis of said correcting optical system, and continues to maintain a position of said correcting optical system when a power supply to said optical device is stopped;

15 a controller that controls said driving system such that said optical device tremble amount is canceled;

20 a power battery that supplies electric power to said driving system; and

a voltage level detector that detects an output voltage level of said power battery;

25 wherein when the output voltage level detected by said voltage level detector is below a predetermined threshold, said correcting optical system is driven to a

standard position such that said optical axis of said correcting optical system coincides with an optical axis of other optical systems included in said imaging optical system.

5 2. An optical device according to claim 1, wherein the value of said threshold is set such that the remaining amount of electric power in said power battery is enough for said driving system to drive said correcting optical system from a moving limit position to said standard position, said moving limit position being defined by a holding member of said correcting optical system and being the furthest position from said standard position.

10 3. An optical device according to claim 1, further comprising a memory in which said predetermined threshold is stored.

15 4. An optical device according to claim 3, wherein said memory is an EEPROM.

5. An optical device comprises:

20 a correcting optical system, included in an imaging optical system of said optical device, for correcting a tremble of a focused image due to an optical device tremble; and

a tremble preventing function which corrects said focused image tremble by driving said correcting optical system such that said optical device tremble can be

cancelled,

wherein when said tremble preventing function is not carried out, said correcting optical system is maintained at all times at a position at which an optical axis of said correcting optical system coincides with an optical axis of other optical systems of said imaging optical system of said optical device.

6. An optical device, provided with a tremble preventing function, comprises:

means for detecting an amount of an optical device tremble;

a correcting optical system, included in an imaging optical system of said optical device, that corrects a tremble of a focused image due to said optical device tremble;

means for driving said correcting optical system in two directions on a plane perpendicular to an optical axis of said correcting optical system, and continuing to maintain a position of said correcting optical system when a power supply to said optical device is stopped;

means for controlling said driving means such that said optical device tremble amount is canceled;

a power battery that supplies electric power to said driving means; and

means for detecting an output voltage level of said

power battery;

means for controlling said driving means such that
said correcting optical system is driven to a standard
position such that said optical axis of said correcting
5 optical system coincides with an optical axis of other
optical systems included in said imaging optical system
when an output voltage level detected by said output
voltage level detecting means is below a predetermined
threshold.